

PAT-NO: JP407300724A

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TITLE: SHEATH-CORE TYPE CONJUGATE FIBER,
ITS PRODUCTION AND
DYED CONJUGATE FIBER

PUBN-DATE: November 14, 1995

INVENTOR-INFORMATION:

NAME

KINOSHITA, NAOYUKI
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*PA sheath
PET core-dyed
good light resist.
wash fast.
wear fastness*

ASSIGNEE-INFORMATION:

NAME

TORAY IND INC

COUNTRY

N/A

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INT-CL (IPC): D01F008/14, D01D005/084 , D01D005/34 ,
D01F008/12 , D06P003/82
, D01F006/84

ABSTRACT:

PURPOSE: To obtain a dyed sheath-core type conjugate fiber excellent in color developability, light resistance, resistance to washing and wear fastness, good in resin finishability and split resistance between sheath and core, and high in durability.

CONSTITUTION: This sheath-core type conjugate fiber is made up of sheath consisting of a polyamide and 20-60wt.% of core consisting of a copolyester

composition comprising 0.1-5wt.% of sodium
5-sulfoisophthalate and a
copolyester copolymerized with 1.0-10mol% of a sulfonated
aromatic dicarboxylic
acid. The other objective dyed fiber is obtained by dyeing
the core of the
above conjugate fiber with a cationic dye.

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